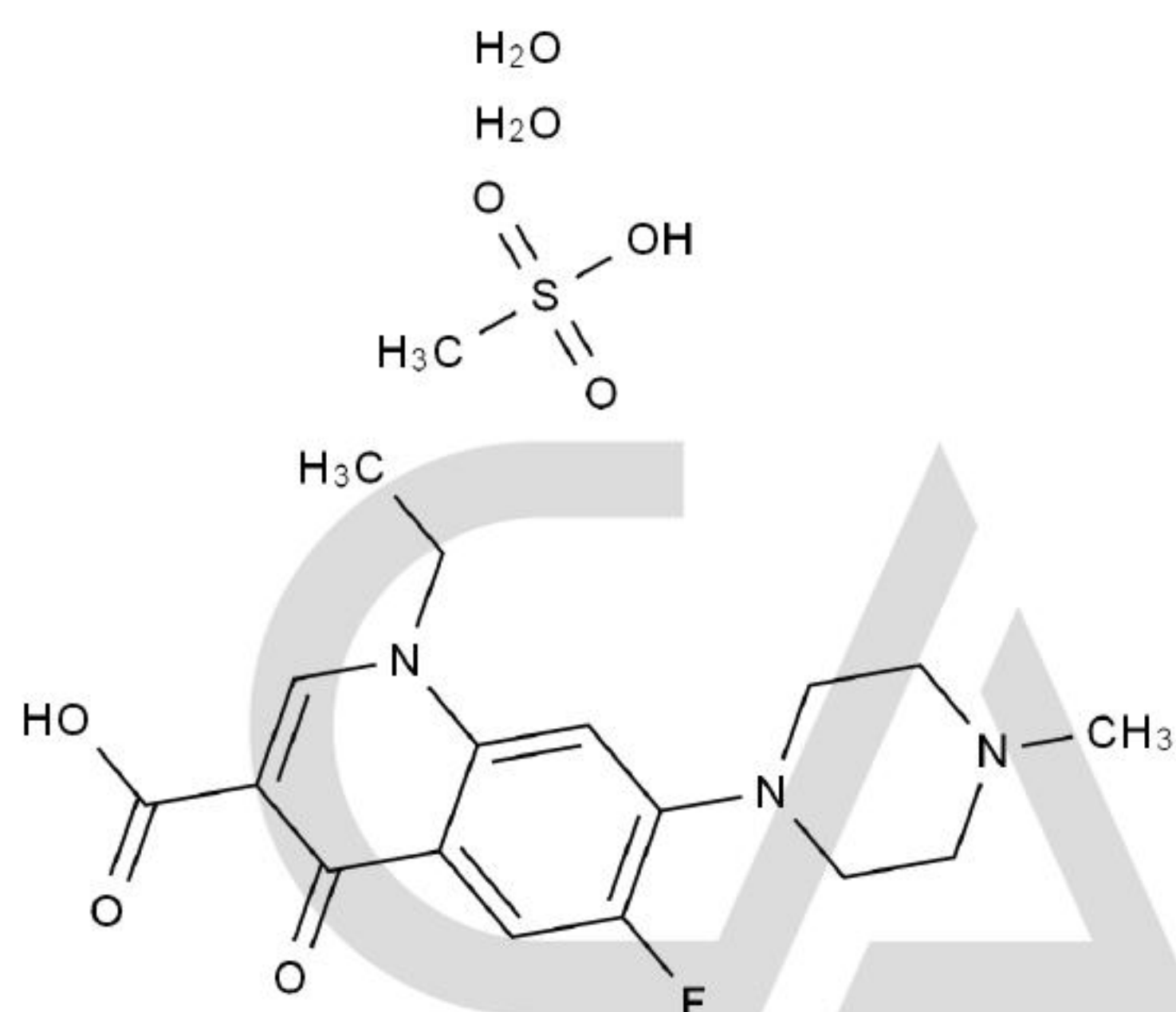


Certificate of Analysis

Reference Material & Standard

Product Name:	Pefloxacin Methane Sulfonate Dihydrate	Catalogue Number:	CCAD300357
Synonyms:	N/A	Lot Number:	1012-RF-0103
CAS Number:	149676-40-4	Expiry Date:	Oct 11, 2028
Molecular Formula:	C ₁₇ H ₂₀ FN ₃ O ₃ CH ₄ O ₃ S 2*H ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	333.36 96.11 2*18.02	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.9%
Assay	qNMR	96.9%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Oct 12, 2024

Date: Oct 14, 2024

Date: Oct 14, 2024

